

# Storage-Mate Liquid

Promote Forage-Mate Storage-Mate Liquid is a proprietary blend of organic acids, surfactants and stabilizers used to control mold growth and heating and protect nutrients. Storage-Mate Liquid can be applied to forages, processed grains and complete feeds.

## Benefits

- ✓ Helps to overcome the challenges of difficult harvest conditions
- ✓ Reduces shrink loss caused by secondary fermentation
- ✓ Reduces risk of mold, heating
- ✓ Reduces surface spoilage
- ✓ Reduces loss of critical nutrients

## Features

- ✓ Buffered - Non-corrosive and safe to handle
- ✓ Organic acid blend effective on a wide variety of spoilage organisms
- ✓ Liquid form to assure accurate coverage
- ✓ Cost effective

## Recommended Usage

- Storage-Mate Liquid must be applied accurately and uniform application is critical to ensure optimal performance
- All high-moisture ingredients should be treated immediately upon harvest.

## Storage

- Do not agitate or open container during freezing temperatures
- Do not store in direct sunlight

## Guaranteed Analysis

Propionic Acid ..... 72.0%

### Comparison of Storage-Mate Liquid and competitor for treating 25% high-moisture corn

All products applied at 3 lb/ton.

Product	Days to Mold
Storage-Mate Liquid .....	11.3
Sodium propionate .....	7
Untreated (Control) .....	2

### Storage-Mate Liquid recommended application rates

Ensiled Crop	Moisture Level	Application Rates (lb/ton)
Corn or Small Grain Silage	75-80%	3
	60-75%	2
	55-60%	3
	50-55%	4
Legume/grass	70-80%	2
	65-70%	1
	60-65%	2
	55-60%	3
Silage	65-70%	1
	60-65%	2
	55-60%	3
	45-55%	4
High-moisture shelled corn & eared corn	30-35%	4
	25-30%	6
	22-25%	8
Snaplage/Earlage	40-45%	4
	35-40%	6
	30-35%	8

\* Silo run-off and leakage will be a problem at moistures above 70%.

## Packaging and Form

Liquid Organic Acid Form (ready to use)

- 50-lb pails
- 450-lb drums
- 2000-lb totes

## Ingredients

Propionic acid, ammonium hydroxide, propylene glycol, sodium benzoate, potassium sorbate, water, artificial flavors, FD&C Yellow #5, FD&C Red #40, and FD&C Blue #1.